

# INTERNATIONAL SEARCH REPORT

International application No

PCT/EP 99/08664

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C22C18/04 E04C2/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C22C E04C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>S.W.K. MORGAN: "Zinc and its alloys and compounds"            1985, ELLIS HORWOOD LTD, CHICHESTER, GB            XP002133826            page 175 -page 176</p> <p style="text-align: center;">-/-</p>	1,2

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

24 March 2000

Date of mailing of the International search report

10/04/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
 Fax (+31-70) 340-3016

Authorized officer

Lilimpakis, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14, 31 December 1998 (1998-12-31) -& JP 10 237613 A (NKK CORP), 8 September 1998 (1998-09-08) abstract & DATABASE WPI Section Ch, Week 9846 Derwent Publications Ltd., London, GB; Class M, Page 13-A, AN 1998-537918 & JP 10 237613 A (NKK CORP), 8 September 1998 (1998-09-08) abstract	1,2
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 11, 30 September 1998 (1998-09-30) -& JP 10 176256 A (NKK CORP), 30 June 1998 (1998-06-30) abstract	1,2
X	DE 30 32 153 A (ELECT & MAGN ALLOYS RES INST) 19 March 1981 (1981-03-19) page 16, line 10, paragraph 2; claim 2	1-4
X	DE 30 07 850 A (MITSUI MINING & SMELTING CO) 18 September 1980 (1980-09-18) cited in the application page 5, paragraph 3; claims 1-4; tables A,B	1-4
X	DE 715 511 C (METALLGESELLSCHAFT AG) 23 December 1941 (1941-12-23) page 1, line 26 - line 37	1,2
X	US 4 808 243 A (MAE YOSHIHARU ET AL) 28 February 1989 (1989-02-28) abstract	1,2

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JP 10176256	A 30-06-1998	NONE		
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